

APPENDIX B

ST. JOSEPH-MAUMEE WATERS ASSESSED IN THE CLEAN WATER ACT SECTION 305(B) REPORT

Statewide data from the state's Clean Water Act Section 305(B) Report are available at the link below (IDEM's Office of Water Quality website) (<http://www.state.in.us/idem/water/planbr/wqs/quality.html>). Adobe Acrobat Reader(tm) is required to read these files.

- **Attachment A** - 1998 305 (B) Report (Upper White, Lower White, Patoka)
- **Attachment B** - 1999 & 2000 305 (B) Report (Eel-Wabash, Lower East Fork White, Middle Wabash-Deer, Muscatatuck, Salamonie, Upper East Fork White, Upper Wabash, Whitewater)
- **Attachment C** - 2001 305 (B) Report (Lower Wabash, Middle Wabash-Busseron, Middle Wabash-Little Vermilion, Sugar)
- **Attachment D** - 2002 305 (B) Report (Blue-Sinking, Little Calumet-Galien, Lower Ohio-Little Pigeon, Silver-Little Kentucky, St. Joseph-Maumee)

APPENDIX C
Potential Stakeholders
in the St. Joseph/Maumee Watershed

ACRES Land Trust
2000 N. Wells St.
Fort Wayne, IN 46808-2474
219-422-1004

Hoosier Environmental Council
PO Box 1145
Indianapolis, IN 46206
317-685-8800

Hoosier River Watch
5785 Glenn Rd.
Indianapolis, Indiana 46216-1066
317-541-0617

Indiana Lakes Management Society
207 S. Wayne St., Suite B
Angola, IN 46703

Indiana Waterways Association
301 Fort Harrison Road
Terre Haute, IN 47804
812-460-1567

Izaak Walton League of America
Indiana Division President
2173 Pennsylvania Street
Portage, IN 46368-2448
219-762-4876

Know Your Watershed
Conservation Technology Information Ctr
1220 Potter Drive, Room 170
West Lafayette, IN 47906-1383
765-494-9555

National Audubon Society
700 Broadway
New York, NY 10003
212-979-3000

The Nature Conservancy
1505 N. Delaware St., Suite 200
Indianapolis, Indiana 46202
317-951-8818

St. Joseph/Maumee Watershed Restoration Action Strategy

The Nature Conservancy - Upper St. Joseph Field Office
1220 North 200 West
Angola, Indiana 46703
219-665-9141

Tri-Lakes Fisheries Station
5570 N. Fish Hatchery Road
Columbia City, IN 46725
219-691-3181

Wood-Land-Lakes Resource Conservation & Dvlpmnt
214 West North Street
Kendallville, IN 46755-1134
219-349-1433

Adams County Commissioner (Adams County)
313 West Jefferson
Room 231
Decatur, IN
260-724-2600 x-1221

Adams County Drainage Board (Adams County)
C/O Surveyor
131 W. Jefferson, Room 251
Decatur, IN 46733
260-724-2600

Adams County Farm Service Agency (Adams County)
Decatur Service Center
210 E. Monroe St. #2
Decatur, IN 46733
260-724-4124 x-2

Adams County Health Department (Adams County)
313 W. Jefferson St. #314
Decatur, IN 46733
219-724-8215

Adams County Purdue Univ. Co-op Extension Service (Adams County)
313 W. Jefferson
Suite 213
Decatur, IN 46799
219-724-3000

Adams County Solid Waste District (Adams County)
3775 North 200 East
Decatur, IN 46733
260-724-9971

St. Joseph/Maumee Watershed Restoration Action Strategy

Adams County Surveyor (Adams County)

313 West Jefferson
Room 251
Decatur, IN 46733
260-724-2600 x-1251

Adams County USDA-NRCS (Adams County)

210 E. Monroe St. #2
Decatur, IN 46733-1702
219-724-4124

Allen County Commissioners Office (Allen County)

1 Main Street Room 200
Ft. Wayne, IN 46802
219-449-7555

Allen County Health Department (Allen County)

1 E. Main St. 5th Floor
Fort Wayne, IN 46802
219-449-7561

Allen County Purdue Univ. Co-op Extension Service (Allen County)

4001 Crescent Ave.
Fort Wayne, IN 46815
219-481-6826

Allen County SWCD (Allen County)

2010 Inwood Dr., Suite 103
Fort Wayne, IN 46815-7113
219-426-4637

Allen County Solid Waste Management District (Allen County)

124 W. Columbia Street
Ft. Wayne, IN 46802
219-449-7878

Allen County Surveyor (Allen County)

1 Main Street Room 610
Ft. Wayne, IN 46802
219-449-7625

Allen County USDA-NRCS (Allen County)

2010 Inwood Dr., Suite 105
Fort Wayne, IN 46815-7113
219-426-4637

AquaSource, Inc. (Allen County)

2200 West Cook Road
Ft. Wayne, IN 46818
219-489-1502

City of Ft. Wayne Flood Control Coordinator (Allen County)

1 Main Street
Ft. Wayne, IN 46802
219-427-1135

St. Joseph/Maumee Watershed Restoration Action Strategy

City of Ft. Wayne Mayor's Office (Allen County)

1 Main Street Room 900
Ft. Wayne, IN 46802
219-427-1111

City of Ft. Wayne Solid Waste Management (Allen County)

1 Main Street
Ft. Wayne, IN 46802
219-427-1345

Ft. Wayne Water Pollution Control Maintenance (Allen County)

515 E. Wallace
Ft. Wayne, IN 46802
219-427-1255

Grabill Town Hall (Allen County)

PO Box 321
Grabill, IN 46741
800-939-3216

Maumee River Basin (Allen County)

5521 Oak Valley Place, Suite 205
Fort Wayne, IN 46802
219-449-7226

New Haven Mayor's Office (Allen County)

815 Lincoln Highway East
New Haven, IN 46774
219-749-5720

New Haven Utilities Department (Allen County)

815 Lincoln Highway East
New Haven, IN 46774
219-748-7050

St. Joseph River Watershed Initiative (Allen County)

2010 Inwood Dr.
Suite 103
Ft. Wayne, Indiana 46815
219-426-4637

Three Rivers Water Filtration Plant (Allen County)

1100 Griswold Drive
Ft. Wayne, IN 46805
219-427-1254

Waste Management (Allen County)

4636 Adams Center Road
Ft. Wayne, IN 46806
800-777-0949

St. Joseph/Maumee Watershed Restoration Action Strategy

Auburn Department of Water Pollution Control (DeKalb County)

2010 S. Wayne St.

Auburn, IN 46706

219-925-1714

Auburn Mayor's Office (DeKalb County)

210 E. Ninth Street

Auburn, IN 46706

219-925-5430

Auburn Water Department (DeKalb County)

800 North Street

Auburn, IN 46706

219-925-5711

Butler City Utility Office (DeKalb County)

201 S. Broadway

Butler, IN 46721

260-868-5881

Butler Mayor's Office (DeKalb County)

201 S. Broadway

Butler, IN 46721

260-868-5200

Butler Water Treatment Plant (DeKalb County)

141 W. Willow St.

Butler, IN 46721

260-868-5023

DeKalb County Commissioners Office (DeKalb County)

100 S. Main St.

Auburn, IN 46706

219-925-2362

DeKalb County Drainage Board (DeKalb County)

DeKalb County Courthouse, First Floor

100 S. Main St.

Auburn, IN 46706

219-925-1928

DeKalb County Farm Service Agency (DeKalb County)

942 W. 15th Street

Auburn, IN 46706

219-925-3710

DeKalb County Health Department (DeKalb County)

215 E. 9th St. Suite 201

Auburn, IN 46706

219-925-2220

DeKalb County Plan Commission (DeKalb County)

301 S. Union St.

Auburn, IN 46706

219-925-1923

St. Joseph/Maumee Watershed Restoration Action Strategy

Dekalb County Purdue Univ. Co-op Extension Service (Dekalb County)

215 E. 9th St.
Auburn, IN 46706
219-925-2562

Dekalb County SWCD (Dekalb County)

942 W. 15th Street
Auburn, IN 46706
219-925-3710

Dekalb County Surveyor (Dekalb County)

Dekalb County Courthouse, First Floor
100 S. Main St.
Auburn, IN 46706
219-925-2222

Dekalb County USDA-NRCS (Dekalb County)

942 W. 15th Street
Auburn, IN 46706-2031
219-925-3710

Garrett Mayor's Office (Dekalb County)

130 S. Randolph Street
PO Box 298
Garrett, IN 46738
260-357-3836

Garrett Municipal Utilities (Dekalb County)

130 S. Randolph Street, Room 12
PO Box 120
Garrett, IN 46738
260-357-4400

Saint Joe-Spencerville Water Department (Dekalb County)

PO Box 204
Saint Joe, IN 46785
219-337-1255

Waterloo Water Department (Dekalb County)

280 N. Wayne St.
Waterloo, IN 46793
219-837-7428

Wawasee Area Conservancy Foundation (Kosciusko and Noble County)

PO Box 548
Syracuse, Indiana 46567-0548
219-457-4549

Kendallville Chamber of Commerce (Noble County)

122 S. Main St.
Kendallville, IN 46755
260-347-1554

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Kendallville City Mayor (Noble County)

234 S. Main Street
Kendallville, IN 46755
260-347-0352

Kendallville Wastewater Treatment Plant (Noble County)

501 W. Wayne
Kendallville, IN
260-347-1362

Kendallville Water Department (Noble County)

917 E. Diamond Street
Kendallville, IN 46755

Noble County Commissioner (Noble County)

101 N. Orange
Albion, IN 46701
260-636-7877

Noble County Drainage Board (Noble County)

South Complex
State Road 9
Albion, IN 46701
260-636-2131

Noble County Farm Service Agency (Noble County)

104 E. Park Dr
Albion, IN 46701
219-636-2178

Noble County Health Department (Noble County)

2090 N. State Road 9
Suite C
Albion, IN 46701
219-636-2191

Noble County Plan Commission (Noble County)

101 N. Orange
Albion, IN 46701
260-636-7217

Noble County Purdue Univ. Co-op Extension Service (Noble County)

2090 N. State Road 9, Suite D
Albion, IN 46701
219-636-2111

Noble County Surveyor (Noble County)

South Complex
State Road 9
Albion, IN 46701
260-636-2131

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Noble County USDA-NRCS (Noble County)

100 E. Park Drive
Albion, IN 46701
219-636-2178

Fawn River State Fish Hatchery (Steuben County)

6889 N. State Road 327
Orland, IN 46776
219-829-6241

Hamilton Area Chamber of Commerce (Steuben County)

P.O. Box 66
Hamilton, IN 46742-0066
219-488-4881

Hamilton Town Council (Steuben County)

P.O. Box 310
Hamilton, IN 46742
219-488-3607

Hamilton Water Department (Steuben County)

100 Railroad Street
Hamilton, IN 46742
219-488-3607

Steuben County Commissioner (Steuben County)

317 S. Wayne
Angola, IN 46703
219-668-1000 x-1224

Steuben County Council (Steuben County)

317 S. Wayne
c/o Kim Koomler
Angola, IN 46703
219-668-1000 x-1218

Steuben County Drainage Board (Steuben County)

c/o Surveyor
317 S. Wayne
Angola, IN 46703
219-668-1000 x-1800

Steuben County Farm Service Agency (Steuben County)

Peachtree Plaza 200
1220 N. 200 West
Angola, IN 46703
219-665-3211

Steuben County Health Department (Steuben County)

317 S. Wayne St. Ste 3A
Angola, IN 46703
219-668-1000

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Steuben County Planning Commission (Steuben County)

317 S. Wayne
Angola, IN 46703
219-668-1000 x-1600

Steuben County Purdue Univ. Co-op Extension Service (Steuben County)

317 S. Wayne St.
Angola, IN 46703
219-668-1000

Steuben County USDA-NRCS (Steuben County)

Peachtree Plaza 200
1220 N. 200 West
Angola, IN 46703
219-665-3211

Town of Hamilton (Steuben County)

7750 S. Wayne
P.O. Box 310
Hamilton, IN 46742
219-488-3607

Whitley County Farm Service Agency (Whitley County)

1919 E. Business 30
Columbia City, IN 46725
219-244-6266

Whitley County Health Department (Whitley County)

101 W. Market St. Ste A
Columbia City, IN 46725
219-248-3121

Whitley County Purdue Univ. Co-op Extension Service (Whitley County)

115 S. Line St.
Columbia City, IN 46725
219-625-3313

Whitley County USDA-NRCS (Whitley County)

1919 E. Business 30
Columbia City, IN 46725
219-244-6266

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STATE STAKEHOLDERS

Indiana Farm Bureau Inc.
225 S East St
Indianapolis, IN 46202
(317) 692-7851
Indiana Department of Environmental Management
100 N. Senate Ave
P.O. Box 6015
Indianapolis, IN 46206-6015
IDEM Switchboard
(317) 232 8603 or (800) 451 6027
Agricultural Liaison
(317) 232 8587
Air Quality
(317) 233 0178
Community Relations
(317) 233 6648
Compliance and Technical Assistance
(317) 232 8172
Criminal Investigations
(317) 232 8128
Enforcement
(317) 233 5529
Environmental Response
(317) 308 3017
Legal Counsel
(317) 232 8493
Media and Communication Services
(317) 232 8560
Pollution Prevention and Technical Assistance
(317) 232 8172
Solid and Hazardous Waste Management
(317) 233 3656
Water Management
(317) 232 8670

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Indiana Department of Natural Resources
402 West Washington Street
Indianapolis, IN 46204 2748
Division of Engineering
(317) 232 4150
Division of Entomology and Plant Pathology
(317) 232 4120
Division of Fish & Wildlife
(317) 232 4080
Division of Forestry
(317) 232 4105
Division of Historic Preservation & Archaeology
(317) 232 1646
Division of Law Enforcement
(317) 232 4010
Division of State Parks and Reservoirs
(317) 232 4124
Division of Water
(317) 232 4160
Division of Public Information and Education
(317) 232 4200
Division of Reclamation
(317) 232 1547
Division of Safety and Training
(317) 232 4145
Division of Soil Conservation
(317) 233 3870
Division of Oil and Gas
(317) 232 4055
Division of Outdoor Recreation
(317) 232 4070
Division of Nature Preserves
(317) 232 4052
Indiana State Department of Health
2 North Meridian St.
Indianapolis, IN 46204
(317) 233 1325

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FEDERAL STAKEHOLDERS

Natural Resources Conservation Service

6013 Lakeside Blvd

Indianapolis, In 46278

(317) 290 3200

NRCS Field Representatives are generally located with the SWCD office in each county.

U.S. EPA Region 5

77 West Jackson Blvd

Chicago, IL 60604

(312) 353-2000

(800) 632-8431

U.S. Army Corps of Engineers

Chicago District

111 N. Canal

Chicago, IL 60606

(312) 353-6400

Detroit District

P.O. Box 1027

Detroit, MI 48231-1027

(888) 694-8313

Louisville District

600 Dr. Martin Luther King, Jr.

Louisville, KY 40202

(502) 315-6768

APPENDIX D

FUNDING SOURCES

This listing of funding sources was derived from the May 1999 *Watershed Action Guide for Indiana*, which is available from the Watershed Management Section of IDEM (IDEM 1999b).

FEDERAL CONSERVATION AND WATERSHED PROGRAMS

Environmental Protection Agency

Section 319, 205(j), and 104(b)(3) Grants

Grants for conservation practices, water body assessment, watershed planning, and watershed projects. Available to non-profit or governmental entities. These monies, enabled by the Clean Water Act, are funneled through the Indiana Department of Environmental Management. *For details see IDEM below.*

EPA Great Lakes Program

Numerous sources of funding are available for the area that drains into the Great Lakes. The complete grants guidance and application package for EPA Great Lakes grants is on the web, and additional funding sources are at the Great Lakes Information Network (<http://www.great-lakes.net/>). Grants are submitted in early spring for most of these sources.

U.S. Department of Agriculture/Natural Resources Conservation Service (NRCS) (See Appendix C for local federal agency contacts.)

CRP: Conservation Reserve Program.

Administered by the Farm Service Agency with technical assistance from NRCS. Conservation easements in certain critical areas on private property. CRP encourages farmers to convert highly erodible cropland or other environmentally sensitive acreage to vegetative cover, such as tame or native grasses, wildlife plantings, trees, filterstrips, or riparian buffers. Easements are for 10 or 15 years, depending on vegetative cover, and compensation payments are made yearly to replace income lost through not farming the land. Cost share is available for planting vegetative cover on restored areas. <http://www.fsa.usda.gov/dafp/cepd/crp.htm>

EQIP: Environmental Quality Incentive Program.

Administered by the NRCS. Provides technical, financial, and educational assistance. Conservation cost-share program for implementing Best Management Practices, available to agricultural producers who agree to implement a whole-farm plan that addresses major resource concerns. Up to \$50,000 over a 5- to 10- year period. Some parts of the state are designated Conservation Priority Areas and receive larger funding allotments.

<http://www.nhq.nrcs.usda.gov/PROGRAMS/COD/cit/eqipsmry.htm>

FIP: Forestry Incentive Program.

Administered by the NRCS. Assists forest management on private lands of at least 10 acres and no more than 1,000 acres. Eligible practices are tree planting, timber stand improvement, site preparation for natural regeneration, and other related activities. Land must be suitable for conversion from nonforest to forest land, for reforestation, or for improved forest management and be capable of producing marketable timber crops. Cost share up to 65%, with a maximum of \$10,000 per person per year. <http://www.nhq.nrcs.usda.gov/CCS/FB96OPA/FIPfact.html>

Small Watershed Program.

The Small Watershed Program works through local government sponsors and helps participants solve natural resource and related economic problems on a watershed basis. Projects include watershed protection, flood prevention, erosion and sediment control, water supply, water quality, fish and wildlife habitat enhancement, wetlands creation and restoration, and public recreation in watersheds of 250,000 or fewer acres. Both technical and financial assistance are available.

<http://www.ftw.nrcs.usda.gov/pl566/pl566.html>

WRP: Wetland Reserve Program.

Administered by the NRCS. Easement and restoration program to restore marginal agricultural land to wetland. Easements may be for 10 years, 30 years, or permanent. Longer easements are preferred. Partnerships with other acquisition programs are encouraged. Restoration and legal costs are paid by NRCS. Landowner retains ownership of the property and may use the land in ways that do not interfere with wetland function and habitat, such as hunting, recreational development, and timber harvesting.

<http://www.nhq.nrcs.usda.gov/PROGRAMS/wrp/>

WHIP: Wildlife Habitat Incentive Program.

Administered by the NRCS. Cost share and technical assistance to develop and improve wildlife habitat on private land. Private landowners who are agricultural producers are eligible. A wildlife habitat plan is developed that describes landowner's goals for improving wildlife habitat, includes a list of practices and schedule for installing them, and details the steps necessary for maintenance. Cost share up to 75%, and contracts are for 10 years. <http://www.nhq.nrcs.usda.gov/PROGRAMS/whip/>

U.S. Fish & Wildlife Service

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Partners for Wildlife Habitat Restoration Program

Provides technical and financial assistance to private landowners through voluntary cooperative agreements in order to restore formerly degraded wetlands, native grasslands, riparian areas, and other habitats to conditions as natural as feasible. Landowners agree to maintain restoration projects as specified in the agreement but otherwise retain full control of the land. Agreements are for fixed term of at least 10 years. No more than 60% of project cost is paid by Federal moneys (the program seeks remainder of cost share from landowners and nationally-based and local entities). <http://www.fws.gov/>

STATE CONSERVATION AND WATERSHED PROGRAMS

IDNR Division of Soil Conservation

LARE: Lake & River Enhancement Program

Funds diagnostic and feasibility studies in selected watersheds and cost-share programs through local Soil & Water Conservation Districts. Project oversight provided through county-based Resource Specialists and Lake & River Enhancement Watershed Coordinators. Funding requests for Watershed Land Treatment projects must come from Soil & Water Conservation Districts. If a proposed project area includes more than one district, the affected SWCDs should work together to develop an implementation plan. The SWCDs should then apply for the funding necessary to administer the watershed project. Before applying for funding, the SWCDs should contact the Lake & River Enhancement Coordinators to determine (1) the appropriate watershed to include in the project, (2) if the proposed project meets the eligibility criteria, and (3) if funding is available.

<http://www.in.gov/dnr/soilcons/lare.htm>

IDNR Division of Fish & Wildlife

Classified Wildlife Habitat Program

Incentive program to foster private wildlife habitat management through tax reduction and technical assistance. Landowners need 15 or more acres of habitat to be eligible. IDNR provides management plans and assistance through District Wildlife Biologists (see county listings). <http://www.ai.org/dnr/fishwild/about/habitat.htm>

IDNR Division of Forestry

Classified Forest Program

Incentive program to foster private forest management through tax reduction and technical assistance. Landowners need 10 or more acres of woods to be eligible. IDNR provides management plans and assistance through District Foresters (see county listings). <http://www.state.in.us/dnr/forestry/landassist/clasfor.htm>

Classified Windbreak Act

Establishment of windbreaks at least 450 feet long adjacent to tillable land. Provides tax incentive, technical assistance through IDNR District Foresters.

Forest Stewardship Program & Stewardship Incentives Program

Cost share and technical assistance to encourage responsibly managed and productive private forests.

<http://www.state.in.us/dnr/forestry/htmldocs/grants.htm>

IDNR Division of Reclamation

Appalachian Clean Streams Initiative

Funds for acid mine drainage abatement.

IDNR Division of Nature Preserves

State Nature Preserve Dedication

Acquisition and management of threatened habitat. <http://www.in.gov/dnr/naturepr/>

IDEM Office of Water Quality

State Revolving Fund

Available to municipalities and counties for a range of water quality infrastructure projects. Funds are available for a wide variety of projects including all types of nonpoint source management projects, as well as more traditional wastewater treatment projects. Funding is through very low-interest loans. <http://www.in.gov/idem/water/fasb/srflp.html>

Section 319 Grants - Nonpoint Source Program

Available to nonprofit groups, municipalities, counties, and universities for implementing water quality improvement projects that address nonpoint source pollution concerns. Twenty-five percent match is required, which may be cash or in-kind. Maximum grant amount for local watershed projects is \$112,500, but statewide or larger scale projects may be funded up to \$300,000. Projects are usually two to three years in length. Projects may be for land treatment through implementing Best Management Practices, for education, and for developing tools and applications for state-wide use. Proposals are due October 1, 2002 for FY2003 funds. See Section 5.1.5 for more details. <http://www.in.gov/idem/water/planbr/wsm/index.html>

Section 205(j) Grants - Water Quality Management Planning Program

Available to municipalities, counties, conservation districts, drainage districts, and other public organizations. For-profit entities, non-profit organizations, private associations, and individuals are not eligible for funding through Section 205(j). Grants are for

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water quality management projects such as studies of nonpoint pollution impacts, nonagricultural NPS mapping, and the development and implementation of watershed management projects. Funds can be requested for up to \$100,000 and no match is required. <http://www.in.gov/idem/water/planbr/wsm/index.html>

Section 104(b)(3) Grants - NPDES Related State Grant Program

Provide for developing, implementing and demonstrating new concepts or requirements that will improve the effectiveness of the NPDES permit program. A project proposed for assistance by this program should deal predominantly with water pollution sources and activities regulated by the NPDES program. These may include innovative demonstration projects to promote statewide watershed approaches for permitted discharges, development of storm water management plans by small municipalities, projects involving a watershed approach to municipal separate sewer systems, and projects that directly promote community based environmental protection. Available to State water pollution control agencies, interstate agencies, Tribes, colleges and universities, and other public or nonprofit organizations. For-profit entities, private associations and individuals are not eligible to receive this assistance. Funds can be requested for up to \$100,000. Five percent match is required, either cash or in-kind. <http://www.in.gov/idem/water/planbr/wsm/index.html>

NOTE: proposals are due to IDEM by January 31 annually for projects beginning the following December.

PRIVATE FUNDING SOURCES

National Fish and Wildlife Foundation

1120 Connecticut Avenue, NW Suite 900, Washington DC 20036. (http://www.nfwf.org/programs/grant_apply.htm)

Nonprofit, established by Congress 1984, awards challenge grants for natural resource conservation. Federally appropriated funds are used to match private sector funds. Six program areas include wetland conservation, conservation education, fisheries, migratory bird conservation, conservation policy, and wildlife habitat.

Individual Utilities

Check local utilities such as IPALCO, CINergy, REMC, NIPSCO. Many have grants for educational and environmental purposes (IPALCO Golden Eagle Program - http://www.ipalco.com/ABOUTIPALCO/Environment/Golden_Eagle/2001_Winners.html; CINergy - <http://www.cinergy.com/Environment/default.asp>).

Indiana Hardwood Lumbermen's Association

Indiana Tree Farm Program. <http://www.ihla.org/leaders.htm>

Conservation Technology Information Center (CTIC)

'Know Your Watershed' educational materials are available. <http://www.ctic.purdue.edu/CTIC/CTIC.html>

Ducks Unlimited

Land acquisition and habitat restoration assistance. <http://www.ducks.org/>

National Wild Turkey Federation

Funds for turkey and wildlife habitat improvement projects. <http://www.nwtf.org/>

Quail Unlimited

Funds for quail and wildlife habitat improvement projects. <http://www.qu.org/>

Pheasants Forever

Land acquisition and funds for local habitat improvement projects. <http://www.pheasantsforever.org/>

Indiana Heritage Trust

Land acquisition programs. <http://www.state.in.us/dnr/heritage/>

The Nature Conservancy

Land acquisition and restoration. <http://nature.org/wherework/northamerica/states/indiana/>

Southern Lake Michigan Conservation Initiative

Blue River Focus Area

Kankakee Sands Focus Area

Upper St. Joseph River Focus Area

Tippecanoe River Focus Area

Natural Areas Registry

Hoosier Landscapes Capitol Campaign

Local/Regional Land Trusts

Land acquisition, conservation easements, and restoration

Acres Inc. (Fort Wayne, IN)

- <http://www.acres-land-trust.org/>

Buffalo Trace Land Trust, LLC (Mount Saint Francis, IN)

Central Indiana Land Trust, Inc. (Indianapolis, IN)

- <http://www.cilti.org/>

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Clark's Valley Land Trust (Charlestown, IN)

- <http://www.clarkswcd.org/LandTrust/LandTrusthome.htm>

Indiana Karst Conservancy (Indianapolis, IN)

- <http://www.caves.org/conservancy/ikc/>

Laporte County Conservation Trust Inc. (La Porte, IN)

Little River Wetlands Project (Ft. Wayne, IN)

- <http://www.lrwp.org/>

Mud Creek Conservancy (Indianapolis, IN)

- <http://www.mudcreekconservancy.org/>

NICHES Land Trust (Lafayette, IN)

- <http://dcwi.com/~niches/>

Ohio River Conservancy (Bloomington, IN)

Oxbow, Inc. (Cincinnati, OH)

- <http://math.uc.edu/~pelikan/OXBOW/wm.html>

Red-tail Conservancy, Inc. (Muncie, IN)

- <http://ourworld.cs.com/rtconserv1/id18.htm>

River Fields, Inc. (Louisville, KY)

- <http://www.riverfields.org/>

Shirley Heinze Environmental Fund (Michigan City, IN)

- <http://www.heinzefund.org/>

Sycamore Land Trust (Bloomington, IN)

- <http://www.sycamorelandtrust.org/>

Wabash Heritage Land Trust (New Harmony, IN)

Wawasee Area Conservancy Foundation (Syracuse, IN)

- <http://www.wacf.com/>

Whitewater Valley Land Trust, Inc. (Centerville, IN)

Wood-Land-Lakes Resource Conservation & Development (Kendallville, IN)

- http://www.in.nrcs.usda.gov/conservation%20programs/rcd/woodland_lakes.htm

SOURCES OF ADDITIONAL FUNDING OPPORTUNITIES

Catalog of Federal Funding Sources for Watershed Protection

EPA Office of Water (EPA841-B-99-003) December 1999

(<http://www.epa.gov/owow/watershed/wacademy/fund.html>)

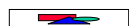
GrantsWeb:

<http://www.srainternational.org/cws/sra/resource.htm>

APPENDIX E

Superfund (CERCLA) Site Fact Sheets

for sites listed within the St. Joseph/Maumee watershed.



FORT WAYNE REDUCTION DUMP

Site Information:

Site Name: FORT WAYNE REDUCTION DUMP

Address: 5225 OLD MAUMEE RD
FORT WAYNE, IN 46825

EPA ID: IND980679542

EPA Region: 05

County: 003 ALLEN

Latitude: +41.075000

Longitude: -085.066669

NPL Status: Currently on the Final NPL

Non-NPL Status:

Federal Facility Flag: Not a Federal Facility

Incident Category: Landfill

Record of Decision (ROD) List:

	ROD ID	ROD Date	OU
1	<u>EPA/ROD/R05-88/075</u>		08/26/1988
01			

1) Record of Decision (ROD):

Operable Unit:	01
ROD ID:	EPA/ROD/R05-88/075
ROD Date:	08/26/1988

Media: GROUNDWATER SOIL

Contaminant: METALS, ORGANICS, PHENOLS,
PCBS, PAHS, VOCS

Abstract: THE 35-ACRE FORT WAYNE SITE (FW) IS A FORMER MUNICIPAL LANDFILL/WASTE DISPOSAL FACILITY LOCATED ALONG THE MAUMEE RIVER JUST EAST OF THE CITY OF FORT WAYNE, ALLEN COUNTY, INDIANA. TWO

ONSITE AREAS ARE DESIGNATED AS WETLANDS. IN ADDITION, THE SITE LIES WITHIN A 100-YEAR FLOOD PLAIN. THE PRIMARY LAND USE IN THE GENERAL AREA IS LIGHT INDUSTRIAL AND COMMERCIAL. IN ADDITION, OTHER LANDFILLS, A WASTEWATER TREATMENT PLANT, AND SLUDGE DRYING BEDS ARE LOCATED ALONG THE MAUMEE RIVER IN THE VICINITY OF THE SITE. TWO RESIDENTIAL COMMUNITIES ARE LOCATED APPROXIMATELY ONE-HALF MILE FROM THE SITE. BEFORE 1967, THE SITE WAS UNCULTIVATED FARMLAND OFTEN USED FOR THE DUMPING OF UNKNOWN WASTE. THE SITE ACCEPTED RESIDENTIAL AND INDUSTRIAL WASTES FROM 1967 TO 1976. FEW RECORDS WERE KEPT ON THE VOLUME AND COMPOSITION OF WASTES, OR ON THE INDUSTRIES THAT GENERATED THE WASTES. FROM MAY 1967 TO AUGUST 1970, FW WAS ISSUED A COUNTY PERMIT FOR PUBLIC DISPOSAL OF GARBAGE AND RUBBISH. WASTES WERE INCINERATED AND THE RESIDUAL ASH DISPOSED OF ONSITE. IN 1970, FW CHANGED ITS NAME TO NATIONAL RECYCLING CORPORATION (NRC) AND BUILT A RECYCLING PLANT WHICH APPARENTLY BECAME INACTIVE AFTER FEBRUARY 1975. ALL SOLID WASTE WAS TO BE PROCESSED THROUGH THE PLANT. IT WAS TORN DOWN IN 1985. INSPECTION REPORTS INDICATED THAT DEPOSITED REFUSE INCLUDED: INDUSTRIAL AND LIQUID WASTES, MUNICIPAL WASTES, GARBAGE, PAPER, AND WOOD. A 40 TO 60 FOOT DIAMETER PIT ADJACENT TO THE MAUMEE RIVER CONTAINED POOLS OF VOLATILE LIQUIDS. WASTES WERE DISPOSED OF INTO THE PIT BY CUTTING OFF THE DRUM TOPS AND EMPTYING THE CONTENTS INTO THE PIT. THERE WERE NO RECORDS INDICATING EXACTLY WHAT WAS DUMPED INTO THE PIT. NRC OPERATION BECAME PART OF SERVICE CORPORATION AMERICA (SCA) IN 1973. IN 1974, SCA WAS DENIED A MUNICIPAL REFUSE PERMIT DUE TO SITE CLOSURE PROBLEMS ENCOUNTERED FOLLOWING HIGH WATER LEVELS. HAZARD RANKING SYSTEM RECORDS INDICATE THE ENTIRE SITE'S WASTE QUANTITY WAS EQUIVALENT TO 2,820 FIFTY-GALLON BARRELS. IN 1984, WASTE MANAGEMENT INC. (WMI) ACQUIRED SCA AND CONDUCTED AN INITIAL SITE INVESTIGATION. THE SITE HAS BEEN INACTIVE SINCE 1976. THE SITE CONSISTS OF TWO CHARACTERISTICALLY DIFFERENT AREAS REFLECTING ITS HISTORICAL USE; THE EASTERN HALF OF THE SITE WAS USED AS THE MUNICIPAL/GENERAL REFUSE LANDFILL (APPROXIMATELY 15 ACRES), AND THE WESTERN HALF OF THE SITE (APPROXIMATELY 5 ACRES) WAS USED FOR DISPOSAL OF INDUSTRIAL WASTES, BUILDING DEBRIS, BARRELS OF UNIDENTIFIED WASTES, AND RESIDUAL ASH FROM EARLIER INCINERATION OPERATIONS. PRESENTLY, SOIL AND GROUND WATER ARE CONTAMINATED WITH 43 CHEMICALS OF CONCERN INCLUDING; METALS, ORGANICS, PCBS, PAHS, PHENOLS, AND VOCs.

THE SELECTED REMEDIAL ACTION FOR THE EASTERN PORTION OF THE SITE INCLUDES; DEED AND ACCESS RESTRICTIONS; SOIL CAPPING CONSISTENT WITH STATE SOLID WASTE CLOSURE REQUIREMENTS; AND LONG-TERM GROUND WATER MONITORING. THE SELECTED REMEDIAL ACTION FOR THE WESTERN PORTION INCLUDES; EXCAVATION, RECONSOLIDATION, AND ON OR OFFSITE INCINERATION OF APPROXIMATELY MEASURES FOR THE PORTIONS OF THE SITE WITHIN THE 100-YEAR FLOODPLAIN; AND COMPENSATION FOR ANY LOSS OF WETLANDS DUE TO REMEDY CONSTRUCTION BY ENHANCING ONSITE WETLANDS. THE ESTIMATED PRESENT WORTH COST FOR THIS REMEDIAL ACTION IS \$10,020,000.

Remedy:

THIS FINAL REMEDY ADDRESSES THE CONTAMINATION PRESENT AT THE SITE BY ELIMINATING, REDUCING OR CONTROLLING THE RISKS POSED BY THE SITE THROUGH TREATMENT, AND ENGINEERING AND INSTITUTIONAL CONTROLS.

THE MAJOR COMPONENTS OF THE SELECTED REMEDY INCLUDE:

- * EXCAVATE THE AREA DEFINED AS AREA C IN THE WESTERN PORTION OF THE SITE TO REMOVE AN ESTIMATED 4,600 DRUMS CONTAINING LIQUIDS.
- * INCINERATE DRUM CONTENTS.
- * RECONSOLIDATE THE SOILS AND WASTE EXCAVATED DURING THE DRUM REMOVAL.
- * INSTALL AND MAINTAIN A GROUNDWATER COLLECTION SYSTEM ON THE WESTERN PORTION OF THE SITE TO PROTECT THE MAUMEE RIVER FROM THE MIGRATION OF CONTAMINATED GROUNDWATER INTO THE MAUMEE RIVER AT UNPROTECTIVE LEVELS.
- * PROVIDE FOR THE REMOVAL OF CONTAMINANTS FROM THE COLLECTED GROUNDWATER THROUGH TREATMENT, IF NECESSARY.
- * INSTALL AND MAINTAIN A SOIL COVER COMPLIANT WITH THE "HYBRID" CLOSURE REQUIREMENTS OUTLINED IN THE RECORD OF DECISION SUMMARY ON THE WESTERN PORTION OF THE SITE.
- * INSTALL AND MAINTAIN A SOIL COVER COMPLIANT WITH INDIANA SUBTITLE D - SOLID WASTE LANDFILL CLOSURE REQUIREMENTS OVER THE EASTERN PORTION OF THE SITE TO PREVENT EROSION THAT COULD RESULT IN A DIRECT CONTACT THREAT, OR WASHOUT OF THE WASTES INTO THE MAUMEE RIVER.
- * MONITOR GROUNDWATER ON THE EASTERN PORTION OF THE SITE TO ENSURE THAT ANY CONTAMINANTS PRESENT DO NOT POSE A THREAT TO THE MAUMEE RIVER IN THE FUTURE.
- * INSTALL AND MAINTAIN A FENCE AROUND THE SITE, EXCEPT ALONG THE RIVER, TO PROTECT THE SOIL COVERS AND RESTRICT PUBLIC ACCESS TO THE SITE.
- * LIMIT BOTH PRESENT AND FUTURE USE OF THE SITE AND LIMIT THE INSTALLATION OF WELLS ON THE SITE, THROUGH DEED RESTRICTIONS.
- * PROVIDE AND MAINTAIN FLOOD PROTECTION MEASURES FOR THAT PORTION OF THE SITE WITHIN THE 100-YEAR FLOODPLAIN.
- * COMPENSATE FOR ANY LOSS OF WETLANDS DUE TO REMEDY CONSTRUCTION BY ENHANCING AN ON-SITE WETLAND.

URL: <http://www.epa.gov/superfund/sites/rodsites/0501800.htm>

This page was last updated on: April 15, 2002

Site maintained by: Office of Emergency and Remedial Response

brown.margret@epa.gov

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APPENDIX F:
STAKEHOLDER COMMENTS

The following comments were received within the 60-day public comment period after the initial public meeting introducing the draft version of the St. Joseph-Maumee WRAS. This meeting was held on April 23, 2002, in Auburn, Indiana. The public comment period ends on June 23, 2002.

The St. Joseph-Maumee WRAS has been revised to incorporate stakeholder comments, where appropriate. The following is a reproduction of the stakeholder comments:

General Comments

- I'm really surprised that your report on the St. Joseph/Maumee does not acknowld [sic] the on-going work of the St. Joseph River Watershed Initiative, the City of Ft. Wayne, the Allen SWCD and the Nature Conservancy's special projects in Fish Creek and the East Fork. I suggest you catch up with what they are doing and include it in your report. The [sic] have done considerably more than serveral [sic] of the stakeholder examples you have listed.

Specific Comments

None